

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION
As a below named joint inventor of this patent application titled,

SEMICONDUCTOR RECESSED MASK INTERCONNECT TECHNOLOGY

I hereby declare :

That my residence, county, post office address and citizenship are as stated below next to my name;

That I am an original first and joint inventor of the subject matter which is claimed in the above identified patent application;

That I acknowledge the duty to disclose information which is material to the patentability of the above identified patent application in accordance with Title 37 Code of Federal Regulations, Section 1.56;

That I hereby state that I have reviewed and understand the contents of the above identified patent application, including the claims;

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true ; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

That as a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Manny W. Schechter (Reg. No. 31,722), Terry J. Ilardi (Reg.No. 29,936), Christopher A. Hughes (Reg.26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond Jr. (Reg. No. 18,753) Stephen C. Kaufman (Reg.No. 29,551), Jay P. Sbrollini (Reg.No. 36,266), Jay P. Sbrollini (Reg.No. 36,266), David M. Shofi (Reg. No. 39,835),, Robert M. Trepp (Reg. No. 25,933), Louis P. Herzberg (Reg.No. 41,500), Daniel P. Morris (Reg. No. 32,053), Paul J. Otterstedt (Reg. 37,411). Louis J. Percello (Reg.No. 33,206), Douglas W. Cameron (Reg.No. 31,596), and Wayne L. Ellenbogen (Reg. No. 43,602)

Send correspondence to Alvin J. Riddles
 Box 34, Candlewood Isle
 New Fairfield, Ct. 06812
Direct Telephone Calls to (914) 472-0644 (203) 746-3470

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Stephen Alan Cohen

Full Name of first inventor

 10/12/08

First Inventor's Signature and Date

12 Sabra Lane, Wappingers Falls, Dutchess County, New York, 12533
First Inventor's County and Residence

USA

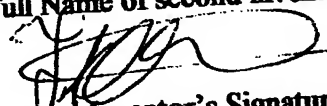
First Inventor's Citizenship

Same as above

First Inventor's Post Office Address

Timothy Joseph Dalton

Full Name of second inventor

 10/20/00

Second Inventor's Signature and Date

72 Sarah Bishop Road, Ridgefield, Fairfield County, Ct. 06877-1215
Second Inventor's County and Residence

USA

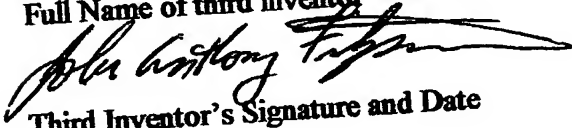
Second Inventor's Citizenship

Same as above

Second Inventor's Post Office Address

John Anthony Fitzsimmons

Full Name of third inventor

 10/17/2000

Third Inventor's Signature and Date

51 Skyview Drive, Poughkeepsie, Dutchess County, New York, 12603
Third Inventor's County and Residence

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

USA

Third Inventor's Citizenship

Same as above

Third Inventor's Post Office Address

Stephen McConnell Gates

Full Name of fourth inventor

Fourth Inventor's Signature and Date

Stephen McConnell Gates 10/12/00

22 Inningwood Road, Ossining, Westchester County, New York, 10562

Fourth Inventor's County and Residence

USA

Fourth Inventor's Citizenship

Same as above

Fourth Inventor's Post Office Address

Brian Wayne Herbst

Full Name of fifth inventor

Fifth Inventor's Signature and Date

Brian Wayne Herbst 10-12-00

156 Palmer Circle, Poughquag, Dutchess County, New York, 12573

Fourth Inventor's County and Residence

USA

Fifth Inventor's Citizenship

Same as above

Fifth Inventor's Post Office Address

Sampath Purushothaman

Full Name of sixth inventor

Sampath Purushothaman 10/12/00

Sixth Inventor's Signature and Date

2075 Lavoie Court, Yorktown Heights, Westchester County, New York, 10598

Sixth Inventor's County and Residence

USA

Sixth Inventor's Citizenship

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Same as above

Sixth Inventor's Post Office Address

Stanley Joseph Whitehair

Full Name of seventh inventor

Seventh Inventor's Signature and Date

Stanley Joseph Whitehair

10/13/2000

1 Beecher Lane, Apt. 5, Peekskill, Westchester County, New York, 10566

Seventh Inventor's County and Residence

USA

Seventh Inventor's Citizenship

Same as above

Seventh Inventor's Post Office Address

END OF DECLARATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Appn. Ser. No. Not Yet Ass'd. : Art Unit Not Yet Assigned
Filed Herewith : Examiner Not Yet Assigned
Inventors Stephan A. Cohen : Atty.Dkt. No. YOR9-2000-0333-US1
Timothy J. Dalton
John A. Fitzsimmons
Stephen M. Gates
Brian W. Herbst
Sampath Purushothaman
Stanley J. Whitehair

For: SEMICONDUCTOR RECESSED MASK INTERCONNECT TECHNOLOGY

APPOINTMENT OF ASSOCIATE ATTORNEY

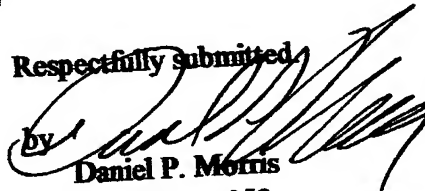
Commissioner of Patents and Trademarks
Washington, D.C. 20231
Sir:

The undersigned attorney, who has been appointed as an attorney in the Declaration and Power of Attorney for the above identified application, hereby appoints Alvin J. Riddles, Reg. No. 17,862 as my associate attorney for the filing of the above identified patent application, and for the transaction of all business in the Patent and Trademark Office connected therewith.

Please Direct all correspondence to:

Alvin J. Riddles
Box 34, Candlewood Isle,
New Fairfield, Ct. 06812
(203) 746-3470 (914) 472-0644

Respectfully submitted

by 
Daniel P. Morris
Reg. No. 32,053
(914) 945-3217

IBM Corporation
Intellectual Property Law Dept.

Atty. Docket No. YOR920000333US1
RECORDATION FORM COVER SHEET
PATENT

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying parties

Stephen A. Cohen
Timothy J. Dalton
John A. Fitzsimmons
Stephen M. Gates
Brian W. Herbst
Sampath Purushothaman
Stanley J. Whitehair
Additional name(s) of conveying
party(ies) attached? NO

2. Name and address of receiving parties

Name: IBM Corporation
Address: Armonk, N.Y. 10504

Additional name(s) and addresses
attached? NO

3. Nature of conveyance
Assignment

4. Patent Application number(s)
Serial No
Not yet assigned
Filed Herewith

Execution Dates

5. Name and address of party to
whom correspondence concerning
document should be mailed:

Name Alvin J. Riddles
Address Box 34, Candlewood Isle,
New Fairfield, Ct. 06812

6. Total number of applications
involved: 1

7. Total Fee(37CFR3.41): \$40.00

DO NOT USE THIS SPACE

8. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document

Alvin J. Riddles
Name of Person signing
Reg. No. 17862

Alvin J. Riddles
Signature

11/1/00
Date

ASSIGNMENT

Whereas , we

(1) Stephen A. Cohen, of Wappingers Falls,
County of Dutchess and State of New York,

(2) Timothy J. Dalton , of Ridgefield,
County of Fairfield, and Connecticut,

(3) John A. Fitzsimmons, of Poughkeepsie,
County of Dutchess and State of New York,

(4) Stephen M. Gates, of Ossining,
County of Westchester and State of New York,

(5) Brian W. Herbst of Poughquag,
County of Dutchess and State of New York,

(6) Sampath Purushothaman, of Yorktown Heights,
County of Westchester and State of New York, and,

(7) Stanley J. Whitehair, of Peekskill,
County of Westchester and State of New York

have invented certain improvements in

SEMICONDUCTOR RECESSED MASK INTERCONNECT TECHNOLOGY

and filed a U.S. Patent Application therefor, herewith,

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefor, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign and transfer to IBM, it's successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the inventions set forth in said application to IBM, it's successors and

assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed
Inventor (1) at

YORKTOWN 1791s on Oct 12, 2000

Signature

Stephen A. Cohen



Notarization of Inventor (1)
State of New York)ss

County of Westchester)

On this 12th day of October 2000, before me personally came Stephen A. Cohen, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

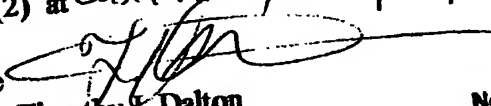
Emily S. Forbes

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2002

Inventor (2) at East Fishkill, NY on 10/20/00

Signature

Timothy J. Dalton



BETTY J. GERSCH
Notary Public, State of New York
No. 4997781

Qualified in Ulster County
Commission Expires June 15, 2002

Notarization of Inventor (2)
State of New York)ss

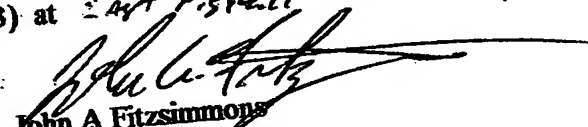
County of Westchester)

On this day of 2000, before me came Timothy J. Dalton, to me personally known, and known to me to be the person described in and who personally executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Inventor (3) at East Fishkill on 10/17/2k

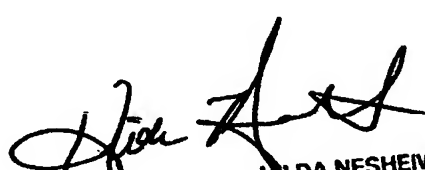
Signature

John A Fitzsimmons



Notarization of Inventor (3)
State of New York)ss

County of Dutchess)



HILDA NESHEIM
Notary Public, State of New York
N. 01NE5013143
Qualified in Dutchess County
Commission Expires 07/15/01

Page 3 of 4

On this 17th day of October 2000, before me personally came John A. Fitzsimmons, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Inventor (4) at

on 10/12/00

Signature

Stephen M. Gates

Stephen M. Gates

Notarization of Inventor (4)

State of New York)ss

County of Westchester)

On this 12th day of October 2000, before me came Stephen M Gates, to me personally known, and known to me to be the person described in and who personally executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Inventor (5) at

Eastfishkill

on 10-17-00

Signature

Brian W. Herbst

Brian W. Herbst

Notarization of Inventor (5)

State of New York)ss

County of Dutchess)

On this 17 day of October 2000, before me personally came Brian W. Herbst, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary Public, State of New York
No. 01NE5013143
Qualified in Dutchess County
Term Expires: 07/15/01

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2002

Inventor (6) at

Hyattstown Hyattsville

on October 12, 2000

Signature

Sampath Purushothaman

Sampath Purushothaman

Notarization of Inventor (6)

State of New York)ss

County of Westchester)

IBM Docket No. YOR920000333US1

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On this 12th day of Dec. 2000, before me came Sampath Purushothaman, to me personally known, and known to me to be the person described in and who personally executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Emily S. Forbes

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2002

Inventor (7) at Yorktown Heights, NY on October 13, 2000

Signature

Stanley J. Whitehair *Stanley J Whitehair*

Notarization of Inventor (7)

State of New York)ss

County of Westchester

On this 13th day of October 2000, before me personally came Stanley J. Whitehair, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Wendy R Petrovich

WENDY R. PETROVICH
Notary Public, State of New York
No. 01R15042058
Qualified in Westchester County
Commission Expires April 17, 2001

END OF ASSIGNMENT